AEROSPACE TEST & MEASUREMENT

Capabilities

Load Cells / Miniature Load Cells

Products
- Low profile
- Miniature / subminiature
- Canister style
- Donut style
- In-line
- Load pins

Applications
- In-flight refueling*
- In-flight test of airframes and structural supports
- Pilot input forces (aileron, elevator, and rudder pedals)*
- Hook load sensor for helicopters*
- Ground-based airframe testing
- Throttle control sensors*
- Landing gear systems
- Braking systems

Pressure Sensors / Miniature Pressure Sensors

Products
- General purpose
- Miniature
- Flush-mounted diaphragm
- High performance

Applications
- Aircraft environmental control system*
- Various hydraulic systems on flight test aircraft*
- Ground testing of aerospace support systems
- Component test validation and quality assurance
- Surface aerodynamic testing
- Tire pressure testing

Torque Transducers

Products
- Reaction
- Slip-ring rotary
- Non-contact rotary transformer

Applications
- Aircraft hydraulic pump testing for R&D
- Flap actuator testing
- Satellite panel actuator testing system*
- Aircraft propeller testing*
- Aircraft engine testing

Wireless Telemetry

Products
- WDC analog telemetry
- TMS digital telemetry torque system

Applications
- Main rotor / tail rotor drive torque measurement
- Fuel pump testing
- Dynamic strain measurement on turbine blades for jet engines

* on-board position
Test and Measurement Sensors for Aerospace Applications

When you are designing, testing, and building the latest products for the aerospace industry, you need sensors that can stand up to the job... able to perform under harsh and demanding conditions or in extremely tight spaces, rugged enough to withstand multiple testing runs and provide precise, accurate results over time, every time.

See why more people turn to Honeywell whenever they need sensors for their aerospace test and measurement applications.

- More than 50 years of experience serving the aerospace industry
- Comprehensive portfolio of test and measurement sensor products
- High accuracy, reliability, and robustness
- Calibration, repair, and warranty service offered on all Honeywell test and measurement sensors
- Extensive custom engineering capabilities
  - In-house design capabilities
  - Global engineering and manufacturing expertise
- Custom designs available for:
  - Extreme operating conditions
  - Demanding specifications
  - Specific physical configuration requirements

For more information
Honeywell Sensing and Internet of Things services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing or the nearest Authorized Distributor, visit sensing.honeywell.com or call:

Asia Pacific  +65 6355-2828
Europe   +44 (0) 1698 481481
USA/Canada  +1-800-537-6945

Honeywell Sensing and Internet of Things
9680 Old Bailes Road
Fort Mill, SC 29707
www.honeywell.com